Bruhat Bangalore Mahanagara Palike
Executive Engineer Yelahanka Division

ame of Work: Estimate for the work of Construction of Culverts in ward no. 03 Attur, Yelahanka Satellite Town Sub Division

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	ivil Work								
	SRRB300-1. **Earthwork excavation by manual means** for roads, drains & similar works in ordinary oil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after reaking of clods complete as per specifications.(I.NO 19.1,Page no 143 SR 2018-19)								
	lasic rate	130.00							
	rea Weightage 6%	7.80							
	oading and Unloading & ead,8KM, (57+ 2*1.28*8)	77.48							
	otal	**215.28**							
		Cum							
	or RCC CULVERT								
			14	6.70	1.50	1.05	147.74		
							147.74	**215.28**	**31,804.39**
	RB 4-1.3 : Providing and laying in position **plain cement concrete of Mix 1:4:8** with OPC @ 180kgs, ith 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ .57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.No-13,I No-4.3 of PWD BCSR 2018-19)								
	Basic Rate	5102.00							
	3.6*103.69	373.28							
	Sub total	5475.28							
	6% Area weightage	328.52							
	Total	**5803.80**							
		Cum							
	For RCC CULVERT								
			14	6.70	1.50	0.15	21.11		
							21.11	**5803.80**	**122489.22**
3	KSRRB M2200-6. Providing **TMT Bars Fe 500 steel reinforcement** for R.C.C. work including straightening, cutting, bending, hooking, placing in postion, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.(I.NO 28.8.2 Page no 229, SR 2018-19)								
	Basic Rate	85468.00							
	Area Weightage 6%	5128.08							
		90596.08							
		Tn							
	Consider 80kg/cum for culvert		1	45.38		0.08	3.63		
							3.63	**90596.08**	**328903.1978**

	scription of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	iding and laying plain/reinforced cement concrete for side drains using **M20 nominal mix rete with OPC at 300 kgs.** With 20mm and sown size granite metal course aggregates at 0.69 cum fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including ıtring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel s per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No.271, I.No.37.59.2 of PW, P&IWTD S.R 2018-19)								
	Basic rate	6670.00							
	6*103.69	622.14							
	Sub total	7292.14							
	6% Area weightage	437.53							
	Total	**7729.67**							
		Cum							
	RCC CULVERT RAFT								
			14	6.70	1.20	0.20	22.51		
	RCC CULVERT WALL								
			28	6.70	0.23	0.53	22.87		
							45.38		
							45.38	**7729.67**	**350775.75**
5	Providing and fixing **RCC precast cover slab of 230mm thick** for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	Data rate	**4486.00**							
		Sqm							
	RCC Culvert Covering Slab								
			14	6.70	1.20		112.56		
							112.56	**4486.00**	**504944.16**
								Total Construction Cost	**1338916.72**
								Towards GST 12%	**160670.01**
								Sub Total	**1499586.73**
								Miscellaneous & Rounding Off	**413.27**
								Total	**1500000.00**

TECHNICALLY SANCTIONED FOR Rs. 30.00 Lakhs
Rupees Thirty lakhs Only
Under 3796 - PDO Works
Registered as CE ( ) No.
Subject to conditions
enclosed memo EE ( ) No. /9/
Dt. 13/12/2021 Estimate A/ Sanctioned
BBMP/EE(YNK-U/T.S)/T.F/2021-22 No. 17
Dated 13/12/2021 Rs. 30.00 Lakhs
Executive Engineer

Administrative Approval
Accorded For ISolatly
Head of A/C 3796
CER NO : 56 Dt: 13/12/2021

IA CE (YNK)

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019, issue rates dated 02-11-2021 and Data Rates

Assistant Engineer

Asst. Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP Bangalore

Executive Engineer
Yelahanka Division
BBMP Bangalore